

Conventionally Coded Application Conversion System for Streamed Delivery and Execution

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ABSTRACT

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A conventionally coded application conversion system for streamed delivery and execution converts locally installable applications into a data set suitable for streaming over a network. The invention monitors two classes of information during an application installation on a local computer system. System registry modifications are monitored and the modification data are recorded when the installation program writes to the registry of the local computer system. File modification data are logged each time an installation program modifies a file on the system. This data is used to create an initialization data set which is the first set of data to be streamed from the server to the client and contains the information captured needed by the client to prepare the client machine for streaming a particular application. A runtime data set is also created that contains the rest of the data that is streamed to the client once the client machine is initialized for a particular application. A versioning table contains a list of root file numbers and version numbers which are used to track application patches and upgrades. The invention monitors a running application that is being configured for a particular working environment on the local computer system. The data acquired are used to duplicate the same configuration on multiple client machines.